



Atty. Docket No.: 25436/2282

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant of: Happe, et al.
Serial No.: 10/615,064
Filed: July 8, 2003
Entitled: Humanized Renilla Reniformis Green
Fluorescent Protein as a Scaffold

Examiner: Not yet assigned

Group Art Unit: 1623

Conf. No.: 4769

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary Wilson

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

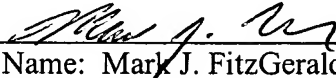
1. Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

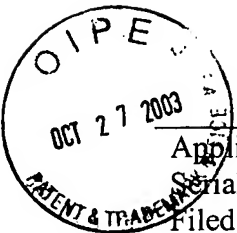
The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 25436/2282.

A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 10/24/03


Name: Mark J. FitzGerald
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Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

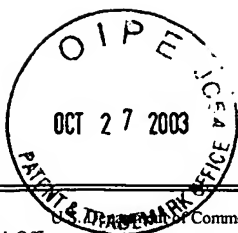
Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: 10/24/03

Mark J. Fitzgerald

Name: Mark J. Fitzgerald
Registration No.: 45,928
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



USPTO Form 1449 Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT				Attorney Docket No. 25436/2282		Serial No. 10/615,064	
				Applicant(s): Happe, et al.			
				Filing Date: July 8, 2003		Group: 1623	
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	1.	6,117,641	Sept. 12, 2000	Berlin, et al.	435	7.1	
	2.	6,205,485B1	March 20, 2001	Kikinis	709	231	
	3.	2001/0003650A1	June 14, 2001	Anderson, et al.	435	6	
	4.	5,874,304	Feb. 23, 1999	Zolotukhin, et al.	435	366	
	5.	5,928,868	July 27, 1999	Liu, et al.	435	6	
	6.	6,303,310B1	October 16, 2001	Lautar, et al.	435	6	
	7.	6,312,941B1	Nov. 6, 2001	Carter-Su, et al.	435	254.2	
	8.	6,232,081B1	May 15, 2001	Harper, et al.	435	701	
	9.	6,210,913B1	April 3, 2001	Phillips, et al.	435	7.8	
	10.	6,326,151B1	Dec. 4, 2001	Katze, et al.	435	6	
	11.	6,277,564B1	Aug 21, 2001	Berlin, et al.	435	6	
	12.	5,556,772	Sep. 17, 1996	Sorge, et al.	435	91.2	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation
							YES NO
	13.	WO 98/39483	Sept 11, 1998	WO	C12Q	1/68	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
	14.	Vidal M, et al. (1996) "Reverse two-hybrid and one-hybrid systems to detect dissociation of protein-protein and DNA-protein interactions", Proc Natl Acad Sci USA 93:10315-10320.					
	15.	Caponigro, et al. (1998) "Transdominant genetic analysis of a growth control pathway", Proc. Natl. Acad. Sci. USA 95: 7508-7513.					
	16.	Sen Gupta, et al. (1996) "A three-hybrid system to detect RNA-protein interactions <i>in vivo</i> ", Proc. Natl. Acad. Sci. USA 93:8496-8501.					
	17.	Licitra & Liu (1996) "A three-hybrid system for detecting small ligand-protein receptor interactions", Proc. Natl. Acad. Sci. USA 93:12817-12821.					
	18.	Abedi, et al (1998) "Green fluorescent protein as a scaffold for intracellular presentation of peptides", Nucleic Acids Res. 26: 623-630.					



19.	Kumar, et al. (1998) "Transdominant genetic analysis of a growth control pathway", Proc. Natl. Acad. Sci. USA, 95:7508-7513.
20.	Ylikomi, et al. (1992) "Cooperation of proto-signals for nuclear accumulation of estrogen and progesterone receptors", EMBO J. 11: 3681-3694.
21.	Kumar, et al. (1987) "Functional Domains of the Human Estrogen Receptor", Cell 51: 941-951.
22.	Hope and Struhl (1986) "Functional Dissection of a Eukaryotic Transcriptional Activator Protein, GCN4 of Yeast", Cell 46: 885-894.
23.	Gyrus, et al. (1993) "Cdi1, a Human G1 and S Phase Protein Phosphatase that Associates with Cdk2", Cell 75:791-803.
24.	Colas, et al. (1996) "Genetic selection of peptide aptamers that recognize and inhibit cyclin-dependent kinase 2", Nature: 548-550 Vol. 380.
25.	Ward, et al. (1980) "Spectrophotometric Identity of the Energy Transfer Chromophores in <i>Renilla</i> and <i>Aequorea</i> Green-Fluorescent Proteins", Photochem. Photobiol. 31: 611-615.
26.	Fabrizio, et al. (1999) "Inhibition of mammalian cell proliferation by genetically selected peptide aptamers that functionally antagonize E2F activity", Oncogene, 18: 4357-4363.
27.	LaVallie, et al. (1993) "A Thioredoxin Gene Fusion Expression System that Circumvents Inclusion Body Formation in the <i>E. coli</i> Cytoplasm", Biotechnology 11: 187-193.
28.	Osborne, et al. (1995) "The Yeast Tribid System—Genetic Detection of <i>trans</i> -phosphorylated ITAM-SH2-Interactions", Bio/Technology 13:1474-1478.
29.	Zhang & Lauter (1996) "A Yeast Three-Hybrid Method to Clone Ternary Protein Complex Components", Anal. Biochem. 242:68-72.
30.	Thukral, et al. (1989) "Localization of a Minimal Binding Domain and Activation Regions in Yeast Regulatory Protein ADR1", Mol. Cell. Biol. 9: 2360-2369.
31.	Dang, C.V., et al. (1991) "Intracellular Leucine Zipper Interactions Suggest c-Myc Hetero-Oligomerization", Mol. Cell. Biol. 11: 954-962.
32.	Dingwall and Laskey (1991) "Nuclear targeting sequences-a consensus?", TIBS 16: 478-481.
33.	Li, et al. (1993) "Identification of mutations in p53 that affect its binding to SV40 large T antigen by using the yeast two-hybrid system", FASEB J. 7:957-963.
34.	Peelle, et al. (2001) "Intracellular protein scaffold-mediated display of random peptide libraries for phenotypic screens in mammalian cells", Chem. & Bio. 8: 521-534.
35.	Putz, et al. (1996) "A tri-hybrid system for the analysis and detection of RNA-protein interactions", Nucleic Acids Res. 24:4838-4840.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.